

**NATURAL RESOURCES CONSERVATION SERVICE**

**VIRGINIA**

**OPERATION AND MAINTENANCE REQUIREMENTS**

**DRAINAGE WATER MANAGEMENT**

**CODE 554**

Land Owner/Operator\_\_\_\_\_

County\_\_\_\_\_ SWCD\_\_\_\_\_ Farm/Tract No. \_\_\_\_\_

Prepared By\_\_\_\_\_ Date\_\_\_\_\_

**OPERATION AND MAINTENANCE ITEMS**

A properly operated and maintained drainage water management system is an asset to the farm. This drainage system was designed and installed to control water surface elevations and discharge from surface and subsurface drainage systems. Estimated life span of this installation is at least \_\_\_\_\_ years. The life of this system can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- Structures and pumps shall be located where they are accessible and subject to convenient control. They shall be maintained in proper working order for the duration of the lifespan.
- The water table shall be held between predetermined elevations at all points in the design area when the system is being used for sub-irrigation.
- An adequate water supply should be available when it is necessary to raise the water in the system.
- Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilization, and application of herbicides when necessary. Fertilize as needed to maintain a uniform vigorous stand. Periodic mowing may also be needed to control height.
- Eradicate or otherwise remove all rodents and/or burrowing animals that have or can potentially damage any part of the system. Immediately repair any damage caused by their activity.
- Immediately repair any damage caused by vandalism, vehicular or livestock damage.

Additional Operation and Maintenance Requirements Specific to this Plan:

Critical Date: \_\_\_\_\_ Target Water Elevation: \_\_\_\_\_

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Critical Date: \_\_\_\_\_ Target Water Elevation: \_\_\_\_\_

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